

PROGRESSIVE REPORT.
OF
FOREST ADMINISTRATION
IN THE



Jodhpur State Rajputana.

FOR THE YEAR 1901-1902.
BY
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Superintendent of Forest Department

JODHPUR:
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REVIEW.

AREA.—There has been no alteration under the head of Forest Conservancy, while the fuel and fodder reserves had an addition of 1 square miles.

BOUNDARIES—The work of the replacement of rubble masonry pillars by pucca ones progressed satisfactorily.

SURVEY AND WORKING PLANS.—The operations of the Desuri Forests regarding the selling of trees as sketched in the provisional working plan have been deferred pending the creation of a market for the fuel. Two depots were opened one at Sojat Road and the other at Marwar Junction and both of them are reported to be working well.

GENERAL PROTECTION AND BREACHES OF THE LAW.—The increase in the cases is ascribed to the partial scarcity then prevailing.

FOREST FIRES.—2,14,700 acres were attempted to be protected, out of which the percentage of the failure is quite inappreciable. The burning of main fire line between Meywar and Marwar stands abandoned for want of co-operation on the part of the Meywar authorities.

NATURAL REPRODUCTIONS.—The sowings sprouted well, as the rains in the beginning were sufficient but the subsequent drought stinted their growth.

ARTIFICIAL REPRODUCTION.—Babul and Nim were sown in pits and bamboo rhizomes planted along the ravines; but with no good results as the rains were partial.

YIELD AND WORKING.—The removal both of timber and fuel shows a satisfactory increase over the preceding year, owing to the comparatively improved condition of the market.

FINANCIAL RESULTS.—The finances show an improvement; as they give a surplus of 4,043 against 376 of the last year.

JODHPUR : }
dated 31st May 1903. }

RAO BAHADUR PANDIT SUKHADEO PRASHAD, C.I.E.

Senior Member, Mahkma Khas.

PROGRESS REPORT
OF
FOREST ADMINISTRATION
IN THE
RAJASTHAN STATE
FOR
1901-1902.

INTRODUCTION.

1. The reservation of the Jaswantpura and Jalor forests had again to be deferred to some more favorable conditions presenting themselves.
2. Two new depots were started, one at Sojat Road and the other at Marwar Junction ; both gave good results, promising further improvement.
3. The surveying of the forests to 4 miles to an inch scale was continued.

CHAPTER I.

Areas and Boundaries.

4. There were no changes under Forest Conservancy and the area remained the same as last year ; the Fuel and Fodder Reserves had an addition of 4 square miles, the total area standing at close of year as below :—

Khalsa Forests ...	... 265.11	square miles.
Fuel and Fodder Reserves ...	11.70	„ „
Jagir Forests ...	70.37	„ „

5. The work of replacing dry rubble masonry pillars by *pucca* ones was continued and 148 pillars in Godwar and 30 in Sojat Range were constructed at a cost of Rs.224/15/0.

6. The kacha pillars were white-washed, renumbered and kept in good order.

CHAPTER II.

**Surveying, Working Plans, and
Plan of Operations.**

7. The surveying of the Sojat Range was, with the exception of about 10 square miles, completed.

8. The Desuri Provisional Working Plan did not work for want of market for the out-turn and it stands almost abandoned. Working Plans, although so very important to regulate fellings, can not well be attempted without a market for the produce and it is as important to create one before they are entered upon. The idea is being put into practice in Sojat Range, where special attention is being given to the establishment of a number of sale depots with the two-fold objects of :—

- (1) bringing the produce within a convenient reach of the public, increasing thereby its sale.
- (2) diminishing as much as possible the chances of the purchaser being let loose in the forests.

9. A plan of operations was as usual prepared and acted upto.

CHAPTER III.

General protection and Breaches of the Law.

10. The criminal tribes and the Grassias, as a whole, remained pretty quiet.

11. 19 cases were sent to Hakumat and 19 pending from the last year brought the total to 38 cases involving 50 persons. Of them 33 cases were disposed of, involving 43 persons. Convictions were obtained in 16 cases involving 21 men. Of the above the Honorary court of Raipur tried 8 cases. 666 cases were compounded departmentally, as against 225 last year. Last year was a year of plenty and the forests were not, so far as grass and other minor produce go, much drawn upon.

12. The following table shows the result of the 2 years.

RANGE.	CASES COMPOUNDED.			Average per case.	Average per person.	Remarks.
	Number of cases.	Number of persons.	Amount.			
Sewari	93	168	183 12 3	1 15 6	1 1 5	
Desuri	40	596	1,097 ... 9	27 6 10	1 10 9	
Sojat	95	128	95 14 6	1 ... 2	... 12 ...	
Siwana	72	106	72 10 6	1 ... 2	... 11 ...	
Parbatsar	30	40	4 14 6	... 2 7	... 1 11	
Pali ... ...	...	...	...	...	...	...
Raipur	336	368	626 ... 6	1 13 9	1 11 2	
Ghanerao ... ...	...	...	...	...	...	...
Total ...	666	1,406	2,080 5 ...	3 2 ..	1 7 8	
1900-1901.	225	438	954 8 9	4 3 11	2 2 10	

Grass and Grazing.

13. As usual the forests remained closed to camels, sheep and goats throughout the year. The rains closed early and the horned cattle had to be admitted before the usual time.

14. The restrictions to cut and collect grass, given up last year, owing to sickness &c., were again put on and no free grass cutting was allowed beyond the limited time.

15. The following statement shows the number of Cattle grazed in the forests:—

RANGE.	CATTLE.				Remarks.
	Right holders.	Out siders.	Free.	Total.	
Sewari ...	494	.....	.....	494	
Desuri ...	102	146	.....	248	
Sojat ...	400	400	.....	800	
Siwana ...	2,354	99	.....	2,453	
Parbatsar ...	1,811	5	.....	1,816	
Raipur ...	2,491	51	.....	2,542	
Ghanerao ...	420	6	.....	426	
Total ...	8,072	307	.....	8,379	
1900-1901.	7,555	58	.....	7,613	

16. 7089 cattle were impounded against 3548 last year; the scarcity of grass outside the forests accounts for the increase.

RANGE.	DESCRIPTION OF CATTLE.				Total.	Remarks.
	Cows	Buffalows	Sheep and Goats.	Other kind.		
Desuri ...	3	.....	458	1	462	
Sojat ...	14	.....	208	27	249	
Siwana ...	233	17	5,233	59	5,542	
Parbatsar ...	115	1	517	3	636	
Raipur ...	46	5	148	1	200	
Total ...	411	23	6,564	91	7,089	
1900-01.	76	12	3,405	55	3,548	

Forest Fires.

17. The protection of the forests against fire was successful to a desirable extent. There were 9 fires burning in all 748 acres, from a fire protected area of 2,14,700 acres, giving a percentage of 31. The fires occurred in Bhimana (50 acres), Desuri (2 acres), Bijapur (140 acres), Kot (324 acres), Rajpura (40 acres), and Raipur (192 acres). The cost of protection came to Rs. 290/- or Re. 1/- per mile

18. The work of cutting trees from the main fire line between Meywar and Marwar stands abandoned, for want of co-operation on part of Meywar authorities.

Natural Reproduction.

19. It was unsatisfactory.

The rains were alright to begin with and a good crop of seedlings of Kher, Dhau, Salar &c. came up, but they could not hold against the following drought and died away.

20. The following table will show the results of the areas coppiced previously:—

21. *Godhwar Range.*

		L.	G.
Sadhri	{ Kantia Dhau. ... 9'-2"	9'-2"	3.2"
	{ Khair. ... 14'	14'	6.8"
	{ Kumtia. ... 10'-4"	10'-4"	3"
Behra	{ Dhau. ... 14'-5"	14'-5"	5.2"
	{ Khair. ... 13'-1"	13'-1"	4.2"
	{ Siris. ... 15'-6"	15'-6"	4.4"
	{ Gol. ... 22'-4"	22'-4"	1.3"

22. *Sojat Range.*

Gudha	{ Kantia Dhau. ... 11'	11'	9"
Dhamawanta	{ Bor ... 10'	10'	8"

Artificial Sowing.

23. *Godhwar Range.*—3,439 pits in Mandigar and 2,231 in Seotalao were sown with Babool and Nim, and Rs. 5/8/- spent over the operation.

24. 3,000 bamboo rhizomes were planted out in Nana and Behra forests along the ravines for Rs. 3/12/. They had all to begin with a good start, the bamboos as well as babool, but the subsequent drought undid it.

25. The nursery at Sewari was abandoned, the idea to plant the Erinpura Cantonment Road with Nim trees being given up. The mango nursery in Sadri Garden was also made over to the contractor whom the garden had been ceded.

26. Seeds of sorts were sown broad-cast in blanks in Sojat and Siwana Ranges through Forest guards. They did not yield any good results for want of rains.

Roads and Buildings.

(1) Roads.

27. *Siwana Range*.—A bridle path in Bhagwan forests was repaired for Rs. 20/11/6 and another undertaken in Siwana forests, which remained unfinished till close of the year.

28. *Godhwar Range*.—No new roads were laid out; the existing ones only were repaired for Rs. 5/8/-.

(2) BUILDINGS.

29. *Godhwar Range*.—The existing chowkies were repaired for Rs. 81/4/- and no new houses built.

30. *Desuri Range*.—No new houses were built. Old ones were repaired for Rs. 32/-.

31. *Sojat Range*.—The Chowki at Kantalia was finished and that at Shirirai further extended costing Rs. 100/-.

(32.) *Siwana Range*.—Forest chowkis at Kundal, Mokalsar and Siwana were completed and Rs 131/- spent on them.

CHAPTER IV.

Yield and Working.

(33.) The out-turn of timber and fuel expressed in cubic feet compared with that of the previous year as follows:—

Description.	Timber.		Fuel.		Remarks
	1900-1901.	1901-1902	1900-1901.	1901-02.	
Removed by Raj Agency ...	804	831	1,42,372	4,800	
" " Purchasers ...	4,050	8,756	66,124	86,118	
" " Right-holders.	2,455	6,426	1,25,677	1,54,508	
" " Free grants...	...	...	...	...
Total ...	7,309	16,012	3,34,173	2,45,616	
Raipur ...	783	1,405	10,713	96,893	
Ghanerao ...	1,894	1,030	3,360	16,600	
Grand total ...	9,986	18,456	3,57,246	3,50,009	

(34.) The comparative value of minor produce removed during the year under report and that of the previous one is as follows:—

Description	VALUE.		Remarks.
	1900-1901	1901-1902	
Removed by Raj Agency ...	...	...	1,206
„ „ Purchasers ...	...	1,185	1,948
„ „ Right-holders ...	...	6,267	3,935
„ „ Free grants ...	...	...	...
	Total ...	7,452	7,089
Raipur ...	...	505	476
Ghanerao ...	...	188	238
	Grand Total ...	8,145	7,803

(35.) This year was, although in itself bad enough, a decided improvement upon the preceding 2 years of famine and sickness and both the purchasers and right-holders removed a larger amount of timber and fuel than they did last year, although the normal figures have yet to be reached. The removal of minor produce has also in the same way improved.

I Departmental Operations.

(36.) The outturn of timber removed was the same as last year, 831 as against 804 cubic feet. That of fuel fell heavily, coming to 4,800 against 1,42,372 cubic feet. It is so from the fact that the fuel that was collected in the last 2 years for famine camps remained in hand and it was not necessary to cut any afresh till the former could be sold away.

(37.) 345 maunds of charcoal were prepared and sent mostly to Jodhpur Depôt for sale.

(38.) 10,156 bamboos were cut departmentally with a view mainly to lend relief to the grassias.

(39.) 4,405 maunds of grass were cut for supplying the Sardar Rasala.

II Removal by Purchasers.

(40.) The removal of timber, as stated above, has improved from 4,050 cubic feet last year to 8,755 this year; although it must expand yet further to reach the average. Similarly the removal of fuel rose to 86,115 cubic feet as against 66,124 cubic feet last year.

(41.) 1,04,721 bamboos were removed as against 4,223 last year, showing a quite desirable increase.

(42) Rs. 443 were realized from grass and grazing as against Rs. 21/- last year.

(43) The sale of minor produce brought in Rs. 889/- against 1,134 last year.

III Free grants and Removal by Right-holders.

(a.) Timber.

(44.) A class free of charge ...	...	354	cubit feet.
B. & C. classes at reduced rates ...	...	6,072	"
Total ...	<u>6,426</u>		"

(b.) Firewood.

(45.) A. & B. classes free of charge ...	...	1,14,679	
C. class at reduced rates ...	...	39,919	
Total ...	<u>1,54,598</u>		

(c.) Bamboos.

(46.) A. class free of charge ...	...	...
B. & C. classes at reduced rates ...	...	500	
Total ...	<u>500</u>		

(d.) Grass and Grazing.

I.—GRASS.

(47.) A. & B. classes free of charge ...	...	1,05,135	
C. class at reduced rates ...	...	778	
Total ...	<u>1,05,913</u>		

II.—GRAZING.

(48.) A. class free of charge ...	...	2,354	
B & C classes at reduced rates ...	...	2,807	
Total ...	<u>5,161</u>		

(Exclusive of Raipur and Ghanerao).

(c) Mohyn and kamri.

49. A class free of charge...	...	3,884	Head loads.
B and C classes at reduced rates ...	...	...	"
Total ...	<u>3,884</u>	"	

CHAPTER V.

Financial Results.

50. The actual revenue amounted to Rs 22,182/- against Rs 19,698/- last year and Rs 13,754/- the year before.

51. The expenditure came to Rs 18,139.

52. The receipts and charges of the last 3 years compare as follows:—

Particulars.	1899-1900.	1900-1901.	1901-1902.	Remarks.
Receipts	... 13,754	19,698	22,182	
Charges	... 19,042	19,322	18,139	
Deficit	... 5,288	...	...
Surplus	... ...	376	4,043	

53. It would be observed that the finances of the Department are, after an abnormal ebb in 1899-1900, fast rallying round to their normal state, giving a surplus of—Rs 5,288 + 376 and + 4,043, as shown in the table above.

54. The financial results of the Jagir forests stand as follows:—

	1900-1901.	1901-1902.
Raipur:—		
Receipts	... 3,884-0-0	1,965-0-0
Charges	... 1,346-0-0	1,893-0-0
Surplus	... 2,558-0-0	72-0-0
Ghanerao:—		
Receipts	... 373-0-0	388-0-0
Charges	... 334-0-0	309-0-0
Surplus	... 39-0-0	79-0-0
Bar:—		
Receipts	... 30-0-0	282-0-0
Charges	... 32-0-0	33-0-0
Surplus	... ...	249-0-0
Deficit	... 2-0-0	...
Barautia:—		
Receipts	... ...	23-0-0
Charges	... 60-0-0	61-0-0
Deficit	... 60-0-0	38-0-0
Babra:—		
Receipts	... ...	9-0-0
Charges	... 60-0-0	60-0-0
Deficit	... 60-0-0	51-0-0
Somel:—		
Receipts	... 101-0-0	176-0-0
Charges	... 48-0-0	60-0-0
Surplus.	... 53-0-0	116-0-0

CHAPTER VI.**Village Fuel and Fodder Reserves.**

55. An addition of 4 square miles was made under this head and a reserve started at Pali. The following is the distribution of the area.

Name.	Area in Bighas.		
Bhambolai	1,800
Sampa	554
Sowania	437
Deoli	1,400
Udesi Kua	1,329
Khamal	295
Sadawas	78 $\frac{3}{4}$
Bomadra	464 $\frac{1}{4}$
Miniali	1,303
Bala	1,136
Hemliawas	150
Barsan	100
Gudha Bishnoyan	1,000
Pali	6,400

56. Babul and Dhau were sown at Hemliawas, Barsan and Udesi Kua reserves, but with no great success, the rains ceasing rather too-early.

57. At Bhambolai and other reserves a miscellany of species were sown, with however no better results than in other forests, Nawagaon only being an exception, where the plants could, more or less, thanks to the subsoil moisture, resist the drought. It is recommended that areas situate similarly below Bands, should be sown with Babul.

58. The revenue and expenditure under this head stand as below:—

Revenue	...	...	Rs. 18-4-0
Expenditure	...	...	, 674-8-7

CHAPTER VII.**Arboriculture.**

59. No new plantations or roads were taken in hand.

60. 835 plants were utilised in filling in gaps in roads and plantations Nos. 8 and 9; of them Chopasni received 335 and Ratanada 104; the repairs in other roads and areas being too few to claim mention severally.

61. Of the plants at Durbar's Bungalow, Jaman succeeded best in the ground behind the Bungalow; while the plantations could grow Nim and Siris only. There were 4,679 plants as the year closed as under:—

		No
Plantation Nos. 8 and 9	...	2,657
Behind the Bungalow	...	1,388
Polo ground	...	169
Race Course	...	342
Stables	...	123
Total	...	<u>4,679</u>

(62) The nurseries at Plantations Nos. 7 and 8 as also those at Chopasni, Balsamand and Ratanada, were maintained. They had 4,268 plants, of which 2,060 were Nim, 50 Shisham, 1,450 Siris, 150 mangoes, 125 Jaman and some others.

(63) Plantation Nos. 1 and 7 as also Nos. 1 and 2 at Balsamand and those at Chitar, were looked after. They had no planting done in them

(64) 21,309 plants received no watering while 10,715 did.

(65) The revenue from arboriculture came to Rs. 427-5-6 while the expenditure amounted to Rs. 9,544-13-9 as under:—

		Rs.	a.	p.
Protective Establishment	...	1,033	4	0
Office	„ „	172	13	0
Watering	„ „	2,387	6	9
Malies	„ „	1,878	12	9
Working of wells	...	1,385	0	0
Feed and keep of bullocks	...	1,636	8	4
Nurseries and Plantings	...	86	0	6
Fencing	...	689	0	3
Tools	...	5	12	0
Miscellaneous	...	270	4	2
Total	...	<u>9,544</u>	<u>13</u>	<u>9</u>

CHAPTER VIII.

Gardens.

(66) The Residency and other Bungalow gardens were looked after and kept up.

(67) At Ratanada 104 new plants were put out to fill in gaps.

(68) A part of Nanemian's garden was let out for Rs. 84. The rains were partial and the contractor could not grow a crop and left away.

(69) The Desuri gardens were looked after and kept up. The wells that supply water to the gardens fail often to hold out, sadly interfering with the up-keep of the vegetation there.

(70) The Sadri Band garden was let out for Rs. 111 and continued to be looked after by the Ranger. It has a collection of fine graft mangoes, while the position of the garden yields itself excellently well to their growth, and the extension of these graft mangoes had well be insisted upon.

(71) The financial results of the gardens were as under :—

			Rs.	a	p.
Revenue	...	...	444	8	6
Expenditure	...	...	3,016	3	11

CHAPTER IX.

General.

(72) 2 Jamait Sowars of Kot and 2 of Rohat and Baroo remained with the Department. The Hakumat or the Bakhshi Jagir sent in no Sowars, and mercenary ones continued to be employed instead.

(73) Forest Ranger Gokal Chand held charge of Sewari Range and gave satisfaction.

(74) Forest Ranger Rakhesur remained in charge of Desuri Range giving satisfaction.

(75) Forest Ranger Chaterbhuj held charge of Sojat Range, supervising the survey work and pushing forward the establishment of Depots with satisfaction.

(76) Forest Ranger Daulat Ram remained in charge of Siwana Range, while Jagan Nath held charge of Raipur, giving satisfaction.

(77) The office establishment worked satisfactorily, the Head Clerk Dasu Ram and the Reader, Munshi Roop Narain claiming special mention.

(79) The following forms are hereto attached :—

Form	No.	49
"	"	50
"	"	51
"	"	54
"	"	55
"	"	56
"	"	58
"	"	59
"	"	60
"	"	61
"	"	62

ANNUAL FORM NO. 49.

Forest Department Marwar state. Area of Forests for 1901-1902.

State.	Range.	Area on 1st April 1901.		Excluded or transferred to other heads.	Area on 1st April 1902.		Number and date of Rasset of addition and transfer.	Remarks.
		Acres.	Equivalent in square miles.		Acres.	Equivalent in square miles.		
Khalsa	Godhwar	***	1,21,230	194.11	***	1,24,230	194.11	Besides these 11.75 square miles are reserved as Fuel and Fodder Reserves.
	Sojat	***	41,600	65	***	41,600	65	(12)
	Siwana	***	3,840	6	***	3,840	6	.....
	Rajpur	***	8,320	13	***	8,320	13	.....
	Ghanerao Bar	***	3,277	5.12	***	3,277	5.12	.....
Barautia	Bobra	***	480	.75	***	480	.75	.....
	Barautia	***	960	1.50	***	960	1.50	.....
	Bobra	***	960	1.50	***	960	1.50	.....
	Somel	...	1,920	3	...	1,920	3	.....
Jagir	Pi, Basi, Banwar, Mayapur, Kalyatra, and Bidiad	...	7,360	11.50	...	7,360	11.50	.....
	Mokalsar, Rammis, Merri, Gungrot, Golin, Piploon, Gudhnaul, Sener Kundal, Sela, Janpur, Mongi, Dhiru Telwara, and Bhagwan.	21,700	34	...	...	21,760	34	.....
Total	...	21,4707	335.48	...	...	21,4707	335.48	.....

ANNUAL FORM No. 50.

Forest Department Marwar State. Register of Breaches of Forest Rules during 1901—1902.

Forest Range and Civil Pargana.	Cases pending from 1900-1901.	NEW CASES OF THE YEAR.		DISPOSED OF DURING THE YEAR.				Cases pending at close of the year.	REMARKS
		Cases.	Persons.	Cases.	Persons.	Total.	Conviction.		
<i>A.—Cases tried by Magistrates:—</i>									
Godhwar	6	2	5	12	3	15	7		
{ Sewari	...	3	6	3	11	14	3		
Desuri	...	1	2	3	11	14	1		
Sojat	...	...	...	...	...	...	...
Siwana	...	...	...	...	...	...	...
Parbatpur	...	7	8	0	3	9	0		
Rajpur	2	1	10	0	3	9	0		
Ghannerao	...	...	...	...	...	...	...
Total	19	1	12	1	5	19	16	21	5
<i>B.—Cases Compounded by Forest Officers:—</i>									
Godhwar	...	25	10	58	93	98	168	...	...
{ Desuri	...	15	6	40	40	40	40	40	40
Sojat	...	82	6	95	95	95	95	95	95
Siwana	...	34	4	72	72	72	128	128	128
Parbatpur	...	25	5	30	30	30	30	30	30
Rajpur	...	42	294	330	330	330	365	365	365
Ghannerao	...	...	...	...	...	...	...	...	...
Total	...	2	223	26	415	666	1,406	...	...
Grand Total	...	19	3	235	27	420	685	704	5

ANNUAL FORM No. 51.*Area of Forest Tracts protected from Fire during the dry Season 1901-1902.*

Range.	Forest Tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1901.	During dry season of 1902.		Cost during the season.	REMARKS.
				Area attempted to be protected.	Failures.		
Godhwar	... { Sevari Desuri. Kantia Siwana	... " " " " " " " " "	1891 10,580 41,000 3,840	1,13,590 10,630 41,600 3,840	230 326	1,13,370 10,304 41,600 3,840	150 2 0 70 2 6 25 0 0 10 15 9
KHALSA.	Scint Siwana	... ...	1898	...	...	...	...
	Total	...	...	1,09,610	1,99,670	556	1,69,114 265 4 3
Raipur	Rajpur Ghanerao Barantra Babra and Somel Pi, Basi, Banwar, Mayapur, Kal- yatra and Bidlod. Mokalsar, Ramania, Me wri, Gungrot, Gudhannal, Seher, Golm, Piploon, Kandial, Sela, Janpur, Mangi, Dhiran, Telwa- ra, and Bhagwan.	... ... ... ... ... ... ... ... ... ... ... ... ... ...	1894 1895 1896 4,160 1897 7,360 1898 21,760	8,820 3,277 4,320 7,360 21,760	192 21,760	8,128 3,277 4,320 7,360 21,760	19 0 0 6 0 0 290 4 3
	Grand Total	...	...	2,14,487	2,14,707	748	2,13,959

ANNUAL FORM No. 54.

Forest Department Marwar State. Outturn (in cubic feet solid) of Timber and Fuel during the year, 1901-1902 and agency of exploitation.

ANNUAL FORM NO. 55.

Forest Department Marwar State. Outturn of minor produce during the year 1901-1902.

(16)

Range.	Description of produce.	Raj Agency.		Purchasers.		Free Grants.		Right Holders.		Total.		REMARKS.
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
SEWARI	Bamboos	10,156	459	46,249	860	...	...	500	6	56,905	13,25	
	Bamboos, Khunpat	...	...	53,200	242	...	...	...	...	53,200	242	
	Kamries (Head loads)	...	...	90	8	...	...	2,165	202	2,255	210	
	Grass (do.)	...	...	5,107	41	...	...	1,702	27	6,809	71	
	Do. (cart loads)	...	...	3,57	89	...	...	875	219	1,232	308	
	Do. (Mounds)	4,405	729	...	...	...	...	...	...	4,405	729	
	Grazing cattle	...	...	...	...	...	...	494	144	494	144	
	Honey and wax (contractor)	...	...	...	...	83	1	...	...	83	83	
	Mohoya grass (Head loads)	230	18	18	1	...	...	3,521	110	3,819	129	
	Do. do. (contractor)	...	...	...	6	...	...	...	...	...	6	
DESURI	Stone (contractor)	...	...	...	28	...	...	...	...	...	28	
	Hides (do.)	...	...	...	81	...	...	...	...	...	81	
	Sheep and goats skin (do.)	...	...	...	23	...	...	...	...	...	25	
	Banikra	...	...	...	5	...	...	...	...	...	5	
	Maoru	...	...	...	19	...	...	...	...	...	19	
	Miscellaneous	...	...	...	14	...	...	...	...	...	14	
	Bamboos	...	...	3,215	74	...	...	2,718	35	3,215	74	
	Grass (Head loads)	...	...	963	15	...	...	99	25	3,681	50	
	Do. (cart loads)	...	...	105	36	...	...	102	21	204	61	
	Grazing cattle (Heads)	...	...	116	81	...	...	...	...	248	105	
Carried over	Pala (carts)	...	...	62	26	...	...	...	...	52	26	
	Do. (Head loads)	...	...	158	16	...	...	...	...	158	16	
	Kamri (Head loads)	...	...	309	31	...	...	...	...	369	31	
	Miscellaneous	...	...	62	6	...	...	...	...	62	6	

ANNUAL FORM NO. 55.—Continued.

Forest Department Marwar State. Outturn of minor produce during the year 1901-1902.

(17)

Range.	Description of produce.	RAJ AGENCY.		PURCHASES.		FREE GRANTS.		RIGHT HOLDENS.		TOTAL.		REMARKS.
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
	Brought forward	...	...	...	...	...	...	...	...	...	...	...
	Bamboos	...	...	57	2	...	...	...	...	57	2	...
	Grass (Head loads)	...	...	501	5	...	...	676	8	1,077	13	
SOJAT	Do. (Carts)	...	...	10	3	...	...	...	...	10	3	
	Grazing cattle	...	...	...	...	...	...	400	...	400	57	
	Kamri (Head loads)	...	...	300	20	...	...	1,075	151	1,975	180	
	Mangroes	...	...	...	19	...	...	...	...	...	19	
	Eru leaves (Head loads)	...	...	...	...	...	...	...	...	678	30	
	Miscellaneous	...	...	578	39	...	...	...	...	678	30	
	Grass (Head loads)	...	...	2,329	10	...	...	98,500	1,362	1,00,820	1,398	
	Do. (Carts)	...	...	4	1	...	...	1,370	342	1,374	343	
	Pala (do.)	...	...	2	1	...	...	44	22	46	23	
SIWANA	Do. (Head loads)	...	...	106	7	...	...	...	...	106	7	
	Grazing cattle	...	...	99	21	...	...	2,354	1,005	2,453	1,026	
	Grass (Head loads)	...	...	54	2	...	...	60	1	114	3	
	Do. (Carts)	...	...	16	5	...	...	...	...	16	6	
	Grazing cattle	...	...	5	2	...	...	1,811	172	1,816	174	
	Miscellaneous	...	...	128	8	...	...	...	...	128	8	
	Total	...	14,841	1,206	1,16,280	1,948	...	...	1,18,966	3,035	2,50,087	7,089

ANNUAL FORM No. 56.

Forest Department Marwar State. Amount of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally during the year 1901-1902.

ANNUAL FORM No. 56--Continued.

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally during the year 1901-1902.

Particulars,	No. or quantity.	Cubic feet.	No. or quantity.	Cubic feet.	Particulars		No. or quantity.	Cubic feet.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.
					Danda Chotani	...					
Behra depot											
Ins	6	...							
Pagen	20	...							
Upla	2	...							
Hal	2	...							
Kathri	1	...							
Nana depot											
Bulli	10	...							
Feed	220	...							
Hal	3	...							
Singri	1	...							
<i>Sopat Range.</i>											
Sarni depot.											
Dinger	1,750	...							
Upla	1	...							
Kasi danda	1	...							
Pagen	4	...							
Musai	8	...							
Ins	40	...							
Halbal log	1	...							
Golin	201	...							
Chotani danda	50	...							
Dandies	631	...							
Thobiji	19	...							
Mayan	2	...							

ANNUAL FORM NO. 56. (continued)

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depot or sold locally during the year 1901-1902.

Particulars.	No. or quantity.	Cubic feet.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
					TOTAL OF EACH HEAD.							No. or quantity.	Cubic feet.
Pali Depot.													
Peet	220	220			Hal	...	...	...	...	2	
Total cross receipts	...			2,313			Thekar	...	...	...	...	51	
Total Receipts	...			6,086			Deola	...	...	...	...	4	
Grand total	...		15,384				Bank	...	...	...	...	2	
							Sojat Range.	...	...	...	...	607	
							Sarun depot.	...	...	...	...	2	
							Theleti	...	...	...	...	80	
							Golia	...	...	...	...	4	
							Chokani danda	...	...	...	...	2	
							Ins	...	...	...	...	157	
							Lathia	...	...	...	...	122	
							Upla	...	...	...	...	34	
							Axe handle	...	...	...	...	523	
							Dingar	...	...	...	...	118	
							Baolin	...	...	...	...	461	
							Kesi danda	...	...	...	...	1	
							Pat	...	...	...	...	56	
							Pirani	...	...	...	...	8	
							Peed	...	...	...	...	1	
							Babul log	...	...	...	...	3	
							Danda	...	...	...	...	50	
							Thobli	...	...	...	...
							Kani	...	...	...	...
							Dingar	...	...	...	...

ANNUAL FORM NO. 56. (continued.)

Forster Department Marwar State. Account of timber and other produce cut and collected by Raj Agency and brought to sale depot or sold locally during the year 1901-1902.

THE WOOD.

Balance at commencement of the year.			
<i>Sevarri Range.</i>			
Sadri Mds.	...	...
Nana Mds.	...	...
Desuri (Cart)	...	...
Sojat Mds.	...	...
Pali	...	...
		Total Balance	...
RECEIPTS.			
Jodhpur depot	...	...
		Total	...
		Grand total	...

DISPOSAL.		
Sold locally.		
Sewari Range.		
Sadhri (Mds)	...	34
Nana (do)	...	622 $\frac{1}{2}$
Desuri (Cart's)	...	18
Sojat (Mds)	...	36
Pali (do)	...	11,507
Jodhpur	...	88
	Total	...
		12,305 $\frac{1}{2}$
Utilized by the Department being converted into charcoal.		
Sewari ...	...	1,600
	Total	...
Lost by drying	...	3,174
	Total	...
	Total disposal	...
Balance at close of the year.		
Sewari (Mds)	...	3,268 $\frac{1}{2}$
Desuri (Mds)	...	71
Pali (Mds)	...	4,716
	Total Balance	...
	Grand Total	...
		8,040 $\frac{1}{2}$
		25,120

ANNUAL FORM NO. 56.—Continued.

Forest Department Marwar State. Account of timber and other produce cut and collected by Raj Agency and brought to Sale Depot or sold locally during 1901-1902.

Particulars.	TOTAL OF EACH HEAD.		Particulars.	TOTAL OF EACH HEAD.	
	No. or quantity.	Cubic feet.		No. or quantity.	Cubic feet.
CHAR COAL.					
Balance at commencement of the year. Jodhpur Range Mds.	40		DISPOSAL.		
Total	40		I. True disposal. Sold locally.		
RECEIPTS.			Sojat (Mds)	23	23
True receipts. Received during the year by converting firewood.			Removed by purchasers from Depot. Jodhpur (Mds)	88	88
Sevari (Mds.)	300		Total		111
Sojat (do)	1,096		II. Gross disposal	Total true disposal	111
Sevans (do)	45		Sevari (Mds)	173	173
			Sevans (do)	33	33
Total	1,441		Total cross disposal		206
II. Gross receipts.			Total disposal		317
Transferred from other Depot.			Balance at close of the year. Sevari (Mds)	165	165
			Sojat (do)	1,073	1,073

Jodhpur (Mds)	...	...	206	Slivana Jodhpur	...	...	12
Total	...	...	206	...	...	...	120
Grand total	...	...	1,687	Total balance	...	...	1,370
				Grand Total	...	...	1,687
BAMB OOS.							
DISPOSALS.							
I. True disposal.							
Removed by purchasers from depot.							
Sevari	...	...	958	Pali	...	...	3,109
Desari	...	...	2,572	Desari	...	...	218
Pali	...	...	25,777	Jodhpur	...	...	904
Jodhpur	...	...	21,054				
			50,361				4,291
RECEIPTS.							
Total balance.	...						
I. True receipts.							
Received from forest during the year cut departmentally.							
Sevari	...	...	10,166	Total	...		
Confiscations Sevari	...	...	340				
			10,496				
II. Cross receipts.							
Transferred from other depot.							
Sejnt Range	...	...	5,000	Sevari	...	...	0,454
				Desari	...	...	2,354
Total receipts	...		15,496	Sojat	...	...	5,000
Grand total	...		65,857	Pali	...	...	22,668
				Jodhpur	...	...	20,090
						Total balance	...
						Grand Total	...
							65,857

ANNUAL FORM NO. 56—Concluded.

Forest Department Marwar State. Account of timber and other produce cut and collected by Raj Agency and brought to Sale Depot or sold locally during 1901-1902.

ANNUAL FORM NO. 58.

Forest Department Marwar State. Summary of Revenue of Marwar Forests during 1901-1902.

Budget Heads.		Direction.	Sewari.	Desuri.	Sojat.	Siwana.	Parbatsar.	Pali.	Jodhpur Sub-Range	Total.	Remarks.	
<i>(I.)—Timber and other produce removed from the Forests by Raj Agency—</i>												
(a) Timber	...	117	9	6815	6	210	5	...	35	6	...	
(b) Firewood and charcoal	...	4,831	1	2412	0	19	0	...	64	4	153	
(c) Bamboos	...	...	...	134	0	5	2	...	52	0	5,310
(d) Grass and other minor produce	...	234	7	9	5	8	0	...	59	8	3,130	
(II.)—Timber and produce removed from the Forests by purchasers <i>com-</i>	<i>timers—</i>	<i>915</i>	<i>3</i>	<i>23</i>	<i>1</i>	<i>0</i>	<i>...</i>	<i>3</i>	<i>8</i>	<i>0</i>	<i>36</i>	
(a) Timber	...	4,900	12	2,695	11	502	0	1,540	8	6	...	
(b) Firewood and charcoal	...	...	...	717	8	531	3	198	9	0	912
(c) Bamboos	...	...	...	912	9	72	13	9	94	6	1,169
(d) Grazing and Fodder Grass	...	...	...	465	7	148	9	6	12	6	992
(e) Other minor produce	...	...	...	465	4	79	5	9	47	2	6
(III.)—Confiscated drifts and wood.	...	...	...	3915	6	31	11	3	8	3	914
(IV.)—Revenue from Forests not managed by Raj—												
(a) Duty on foreign timber and other forest produce	...	...	...	51	3	62	2	11	15	6	22
(b) Revenue from shared and private forests	...	...	...	...	...	...	...	...	14	3	148
V.—Miscellaneous—												
(a) Fines and forfeitures	...	...	...	31	0	...	...	...	...	...	31
(b) Refunds	...	...	...	216	13	1,310	0	392	4	0	2,354
(c) Other sources	...	9	0	...	...	...	...	...	63	0	7
Total	...	10,122	13	7	5,724	7	2,091	14	3	2,718	3	9,224
Add Arboticulture	...	...	...	...	...	...	...	...	...	...	477
Add Fuel and Fodder Reserves	...	...	...	...	...	...	...	...	...	...	444
Bera Baori	...	...	...	...	...	...	...	...	...	...	18
Famine and Taakawi	...	...	...	...	...	...	...	...	...	...	44
Grand total	...	...	...	...	...	...	...	...	...	...	12,159
Rajpur	...	...	...	...	...	...	...	...	...	...	23,129
Ghanerao	...	...	...	...	...	...	...	...	...	...	1,904
Bar	...	...	...	...	...	...	...	...	...	...	387
Barania	...	...	...	...	...	...	...	...	...	...	282
Babri	...	...	...	...	...	...	...	...	...	...	221
Somel	...	...	...	...	...	...	...	...	...	...	93
Great Grand Total	...	...	...	...	...	...	...	...	...	...	25,972
											7	

ANNUAL FORM NO. 58.—Continued.**Forest Department Marwar State. Summary of Expenditure of different ranges Marwar Forests during 1901-1902**

BUDGET HEADS		Direction.	Sewari Range.	Sojat Range.	Siwana Range.	Parbatsar Range.	Pali Range.	Jodhpur Range.	Total.	Remarks
A CONSERVANCY.										
<i>I.—Timber and other produce removed from the Forests by Ruy Agency—</i>										
(a) Timber	..	115	113	15	6	77	79	183	8	112 9 6
(b) Firewood and charcoal	..	112	115	6	53	56	135	119	41	1,090 7
(c) Bamboo	..	439	112	3	34	12	43	13	249	788 10 3
(d) Grass and other minor produce	..	335	15	3	85	8	6	7	4	112 6
<i>II.—Timber and other produce removed from the Forests by purchasers or consumers.</i>	..	355	15	3	..	..	..	..	..	112 15 3
<i>III.—Confidential drift and waste wood.—</i>	..	4	..	..	6	2	6	..	..	6 6 6
<i>IV.—Revenue from Forests not managed by Ruy—</i>	..	..	..	..	..	..	..	..	..	..
(a) Duty on foreign timber and other Forest produce	..	..	..	..	..	..	..	..	..	..
(b) Revenue from shared and private Forests,	..	..	..	..	..	..	..	..	..	..
<i>V.—Revenue from leased Forests and payment to share holders in Forests managed by Ruy.—</i>	..	..	..	..	..	..	..	..	..	..
<i>VI.—Live stock, stores, tools and plants.—</i>	..	..	..	..	..	..	..	..	..	..
(a) Purchase of cattle	..	..	..	..	..	..	..	..	..	..
(b) Feed and keep of cattle	..	..	..	..	..	..	..	..	..	..
(c) Purchase of stores, tools and plants	..	..	..	..	..	..	..	..	..	..
<i>VII.—Communications and Buildings—</i>	..	..	..	..	..	..	..	..	..	..
(a) Roads and Bridges	..	..	..	..	..	..	..	..	..	..
(b) Buildings	..	..	..	..	..	..	..	..	..	..
(c) Other works	..	..	..	..	..	..	..	..	..	..
<i>VIII.—Demarcation improvement and extension of Forests—</i>	..	..	..	..	..	..	..	..	..	..
(a) Compensation of land	..	..	..	..	..	..	..	..	..	..
Compensation of land	..	..	..	..	..	..	..	..	..	..
Surveying and working plans	..	..	..	..	..	..	..	..	..	..
Sowing and planting	..	..	..	..	..	..	..	..	..	..
Protection from fire	..	..	..	..	..	..	..	..	..	..
Other works	..	..	..	..	..	..	..	..	..	..
<i>IX.—Vigilance—</i>	..	..	..	..	..	..	..	..	..	..
(a) Refugees	..	..	..	..	..	..	..	..	..	..
(b) Law charges	..	..	..	..	..	..	..	..	..	..
(c) Other charges	..	..	..	..	..	..	..	..	..	..
<i>Total A. Conservancy</i>	..	271	1	6	112	4	3	916	7	1,111 5 1

ANNUAL FORM NO. 58.—(Continued.)

Forest Department, Mysore State Summary of Expenditure of different Ranges of Mysore Forests during 1901-1902.

Budget Heads.		Direction.	Sewari range.	Desuri range.	Sojan range.	Shwana range.	Parbatgar range.	Pali range.	Jothpur Sub-Range.	Total.	Remarks
B ESTABLISHMENT.											
<i>I.—Salaries—</i>		1,620 0 0	720 0 0	575 3 0	520 0 0	52 4 0	13 8 0	13 20 0	1,620 0 0	1,620 0 0	
(a) Superior establishment	"	413 6	1,466 1 2	1,036 10 11	790 12 0	512 7 4	20 0	20 0	2,555 8 0	2,555 8 0	
(b) Executive establishment	"	1,152 15 3	155 8 0	412 0 0	112 7 0	...	...	...	1,152 15 3	1,152 15 3	
(c) Protective establishment	"	...	...	...	...	...	...	...	1,382 14 9	1,382 14 9	
(d) Office establishment	"	...	...	...	...	...	...	...	...	...
(e) Pension contribution	"	...	...	...	...	...	...	...	...	...
<i>II.—Traveling Allowance—</i>		467 14 0	229 6 4	115 2 0	111 15 0	163 5 4	16 9 0	13 11 4	5 2 8	193 11 0	
(a) Superior establishment	"	105 1 9	36 3 7	55 5 0	35 0 0	5 0 0	16 9 0	16 9 0	120 0 8	120 0 8	
(b) Executive establishment	"	300 0 0	45 0 0	71 5 0	21 5 0	...	...	...	70 5 0	70 5 0	
(c) Office establishment	"	130 0 0	16 1 6	80 0 0	18 0 0	...	...	...	...	...
(d) Keep and feed of conveyance supplied by Ray	"	51 14 6	10 1 3 0	9 5 3	8 0 3	5 1 0	5 0 0	5 0 0	90 2 4	90 2 4	
<i>III.—Confinement services—</i>		2 7 0	1 8 0	1 0 0	19 4 0	6 7 6	15 0 0	12 0 0	1 0 0	1 0 0	
(a) Stationery	"	130 0 0	16 1 6	6 0 0	20 4 0	0 4 0	0 2 0	0 2 0	0 4 0	0 4 0	
(b) Carriage of tents and records	"	467 9 9	16 1 6	6 0 0	20 4 0	0 4 0	0 2 0	0 2 0	0 4 0	0 4 0	
(c) Rent rate and taxes	"	...	...	...	...	...	...	...	...	...
(d) Official Postage	"	...	...	...	...	...	...	...	...	...
(e) Sundries	"	...	...	...	...	...	...	...	...	...
Total B. Establishment		4,355 12 3	2,653 2 2	2,662 0 6	1,873 12 8	1,223 1 2	589 12 9	47 3 4	6 9 8	13,011 9 8	
" A. General Duty	"	...	...	...	...	...	...	...	...	5,128 3 8	
" Arboticulture	"	...	...	...	...	...	...	...	...	2,547 3 6	
" Garden	"	...	...	...	...	...	...	...	...	3,016 3 1	
" Fuel and Footer Reserves	"	...	...	...	...	...	...	...	...	674 3 7	
" Bera, Bories	"	...	...	...	...	...	...	...	...	173 3 6	
" Famine and Takavi	"	...	...	...	...	...	...	...	...	212 3 9	
" Miscellaneous	"	...	...	...	...	...	...	...	...	1,332 3 3	
Total	"	...	...	...	...	...	...	...	...	33,393 12 1	
Rajpur	"	...	...	...	...	...	...	...	...	1,863 3 6	
Gharenta	"	...	...	...	...	...	...	...	...	395 7 6	
Bar	"	...	...	...	...	...	...	...	...	61 6 3	
Baranita	"	...	...	...	...	...	...	...	...	60 6 0	
Baura	"	...	...	...	...	...	...	...	...	60 6 0	
Somel	"	...	...	...	...	...	...	...	...	60 6 0	
Grand Total	"	...	...	...	...	...	...	...	...	35,812 3 4	

ANNUAL FORM NO. 59:

Forest Department Marwar State. Account current for the year 1901-1902.

Cash balance		Revenue as per annual summary from No. 58		3,022		7 8		Expenditure as per annual summary form No. 58.		18,139		13 4		.....
Forest conservancy	...	22,182	510	.....	.....	Forest conservancy	...	...	...	9,544	13 9	.....	.....	.....	.....
Arboriculture	...	4,27	5 6	.....	.....	Arboriculture	...	...	...	3,016	3 11	.....	.....	.....	.....
Gardens	...	444	8 6	...	...	Gardens	...	...	...	674	8 7	.....	.....	.....	.....
Fuel and Fodder Reserves	...	18	4	...	...	Fuel and Fodder reserves	...	...	...	473	9 6	.....	.....	.....	.....
Beru Baories	...	44	...	...	...	Beru Baories	...	...	...	175	1 3	.....	.....	.....	.....
Famine and Takavi	...	12	15 9	23,129	7 7	Takavi	...	...	...	37	12 6	.....	.....	.....	.....
<i>Forest Cash remittance.</i>		32,624		2 6		<i>Forest cash remittance local.</i>		1,332		3 3		33,393		12 1	
Cheque drawn	...	29	6	...	...	Remittance to Treasury	...	...	...	...	...	23,176	9 4	.....	.....
Inter departmental transfer	...	27,426	12 11	...	...	Advance recoverable	...	...	...	28,064	10 10	.....	.....	.....	.....
Advances recoverable	...	2	...	...	...	Balance	...	...	...	1,599	4 5	.....	.....	.....	.....
Refund of excess payment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	86,234	4 8	...	...	Total	...	...	...	86,234	4 8	...	...	...	...

ANNUAL FORM NO. 60.

FOREST DEPARTMENT MARWAR STATE

Revenue received and outstandings on account of Revenue during 1901-1902.

ANNUAL FORM NO 61.
FOREST DEPARTMENT MARWAR STATE.
Outstandings and Liabilities on account of Contractors and Disbursers for 1901-1902.

(37)

Range.	DEPARTMENT Debtor.			DEPARTMENT Creditor.			BALANCE DUE.		
	At com- mencement of year.	Recoveries in cash and value of sup- plies & work done during the year.	At close of year.	At com- mencement of year.	Payments made during year.	At close of year.	To Depart- ment (out- standings.)	To Depart- ment (liabi- lities.)	Remarks.
Gokal Chand Forest Ranger	...	4,506 7 5	4,506 7 5	126 2 8	4,499 14 9	4,626 1 5	119 10 0	...	...
Rakeshwar Forest Range	...	3,561 12 11	3,561 12 11	159 4 2	3,416 9 6	3,575 13 8	14 0 9	...	...
Chaturbhuj Forest	...	3,264 8 4	3,264 8 4	195 9 1	3,300 0 0	3,405 9 1	141 0 9	...	...
Daulat Ram Forest	...	1,749 14 11	1,749 14 11	0 0 1	1,750 0 0	1,750 0 1	0 1 2	...	...
Piran Dutta Forester	...	617 2 6	617 2 6	511 6	620 0 0	625 11 6	8 9 0	...	...
Hazari Mul	...	1,332 0 11	1,332 0 11	91 13 9	1,583 15 0	1,680 12 9	348 11 10	...	...
Puran Chand	...	12,331 10 5	12,331 10 5	144 3 2	12,256 9	9,12,400 12 11	69 2 6	...	...
Jagirdar Raipur	...	63 3 6	63 3 6	410 0 0	0 0 0	410 0 0	316 12 6	...	...
Rao Raja Gulab Singh and other	...	0 0 0	0 0 0	2,225 10 0	632 910	2,858 310	2,858 310	...	...
Jagirdar	...	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	...
Total	...	27,426 12 11	27,426 12 11	3,268 6	5,28,064 10 10	31,333 1 3	3,906 4 4	...	...

ANNUAL FORM NO. 62.
FOREST DEPARTMENT, MARWAR STATE.
Financial results of the year 1901-1902.

Division.	Timber and other produce removed from the forests by Raj Agency.			Other Revenue.			Formation Protection and Improvement of forests.			Total.			REMARKS.
	Receipts.	Charges.	Receipts.	Receipts.	Charges.	Receipts.	Charges.	Receipts.	Charges.	Receipts.	Charges.	Receipts.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Sevarai	...	...	...	135	934	5,589	2,780	382	5,724	4,096	...	...
Desuri	...	...	...	36	521	2,055	2,395	293	2,092	3,260	...	...
Sojat	...	...	...	238	308	2,480	2,058	632	2,718	3,058	...	...
Sivana	...	...	...	...	41	703	1,592	125	703	1,758	...	...
Parbatsar	...	...	...	...	...	375	598	...	375	598	...	...
Pali	...	...	...	380	350	...	64	...	330	403	...	...
	Total	...	739	2,293	11,203	9,487	1,432	11,042	13,122	13,122	...	...
	Direction	...	5,330	501	4,910	4,423	94	10,240	5,018	10,240	...	...
	Total Raj Department	...	6,069	2,704	16,113	13,910	1,526	22,182	18,140	22,182	...	...
Rajpur	...	...	...	...	1,965	1,893	...	1,965	1,893	1,965	...	...
Ghanerao	...	...	...	...	388	309	...	388	309	388	...	...
Bar	...	...	...	...	282	33	...	282	33	282	...	33	
Baranita	...	...	...	...	...	23	61	...	23	61	...	...
Babra	...	...	...	...	...	9	60	...	9	60	...	...
Somel	...	...	...	...	...	176	60	...	176	60	...	...
	Grand Total	...	6,069	2,704	18,956	16,326	1,526	25,025	20,556	25,025	20,556	...	

